

# Converting Colors

Hex(482D35)

Have a look what the booklet for  
Hex(482D35) contains.

<b>Hex(482D35)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(482D35)

# Conversions

## Conversions Part 1

Format	Color
Hex	482D35
RGB	72, 45, 53
RGB Percent	28%, 18%, 21%
CMY	0.7176, 0.8235, 0.7922
CMYK	0.00, 0.37, 0.26, 0.72
HSL	342°, 23%, 23%
HSV	342°, 37%, 28%
XYZ	4.2535, 3.5115, 3.8218
YIQ	53.9850, 13.5240, 8.2120

# Conversions

## Conversions Part 2

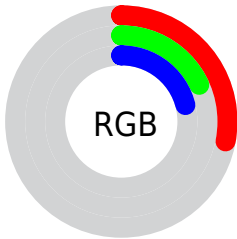
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 45, 53
Decimal	4730165
CIE <sub>Lab</sub>	21.99, 13.78, 0.01
CIE <sub>LCh</sub>	22, 13.784, 0.040
Yxy	3.5115, 0.3671, 0.3031
Android (android.graphics.Color)	4282920245 (0xFF482D35)
YUV	53.9850, -0.4856, 15.7992
Hunter-Lab	18.7391, 7.7233, 1.0254

# Details

The Hex color **482D35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D4840**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **795B63**, and **1E0008** is the 20% darker color. If you saturate the color by 10%, you get **482630**, and if you desaturate by 10%, it is **48343A**.

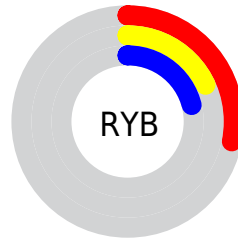
# Distribution



Red (28%)

Green (18%)

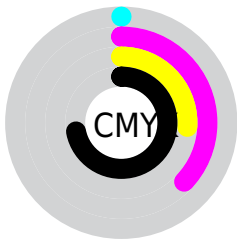
Blue (21%)



Red (28%)

Yellow (18%)

Blue (21%)

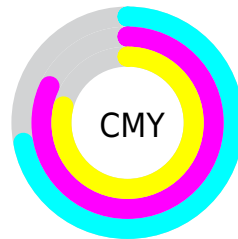


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 482D35 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 482D35 by changing the saturation by 10% instead.





482D35



482D35

FFFFFF



311820



795B63



1E0008



93747C



000000



AE8D96



CAA8B1



E6C3CC



FFDFE8



FFFCFF



482D35



482D35

■ 482630

■ 48343A

■ 481F2B

■ 483B3F

■ 481726

■ 484344

■ 481021

■ 484A49

■ 48091C

■ 48514E

■ 480217

■ 485853

■ 480015

■ 485F58

■ 48675E

■ 486E63

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



422F3F



482D35



492E2B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



482D35



313723



193846

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



482D35



2D4840

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



133A3E



482D35



25392A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



482D35



3C3420



1A3A34



273649

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



482D35



462F25



1A3A34



153944



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



482D35



5E5457



402D48



302A2C



B0B0B0



303030



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



482D35



5E3440



48322D



242021



63001D



E30043



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



482D35



5E3440



2D4348



242021



63001D

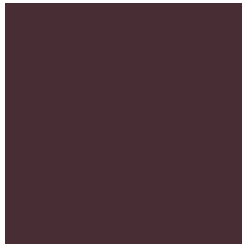


E30043



# Previews

## White Background



This preview shows how the Hex color 482D35 looks on a white background.

## Color Contrast Check

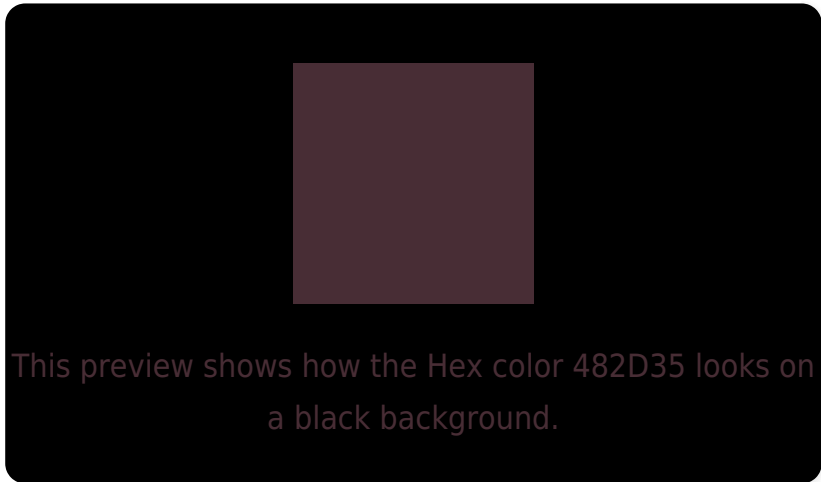
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

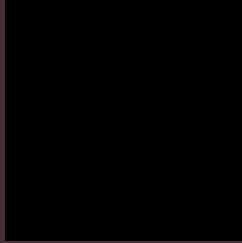
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 482D35 Background



This preview shows how black text looks on a background with the Hex color 482D35.



This preview shows how white text looks on a background with the Hex color 482D35.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
482D35

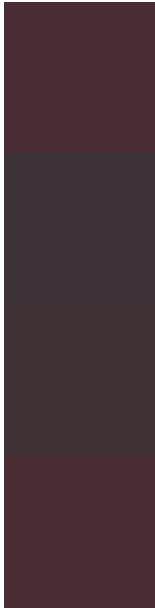
**Protanopia**  
35353A

**Deuteranopia**  
3A3334



**Tritanopia**  
482E31

# Trichromacy



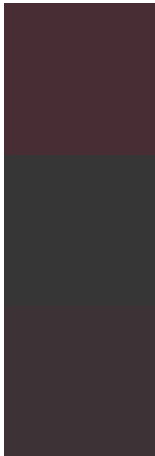
**Original Color**  
482D35

**Protanomaly**  
3C3238

**Deuteranomaly**  
3F3134

**Tritanomaly**  
482E32

# Monochromacy



**Original Color**  
482D35

**Achromatopsia**  
363636

**Achromatomaly**  
3D3336

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 482D35 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #482D35 looks like.

```
.text, #text, p{  
    color:#482D35  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #482D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #482D35
}
```

## Border

The CSS property to change the border of an element to Hex 482D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

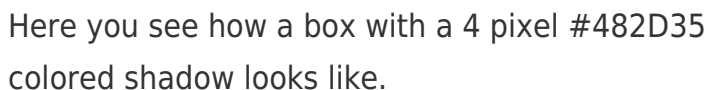
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#482D35 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#482D35 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #482D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #482D35; -webkit-box-shadow:4px 4px  
4px 4px #482D35; box-shadow:4px 4px 4px  
4px #482D35 }
```

# Background

The CSS property to change the background color of an element to Hex 482D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#482D35 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#482D35 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor